Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080820\
Data File : VV017861.D
Acq On : 08 Aug 2020 17:43
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD05093

Quant Time: Aug 10 04:09:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 10 02:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	268448	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	260848	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	144341	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	68125	49.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 98.28%			
7) Chloroethane-d5	1.58	69	57993	49.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.48%			
11) 1,1-Dichloroethene-d2	2.12	63	161340	48.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.88%			
21) 2-Butanone-d5	3.91	46	91583	105.50	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.50%			
24) Chloroform-d	4.37	84	182705	50.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.52%			
26) 1,2-Dichloroethane-d4	5.05	65	132455	50.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.30%			
32) Benzene-d6	5.07	84	295933	49.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.26%			
36) 1,2-Dichloropropane-d6	6.09	67	77590	50.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.60%			
41) Toluene-d8	7.34	98	298179	49.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.50%			
43) trans-1,3-Dichloropropene-	7.64	79	51371	52.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.46%			
47) 2-Hexanone-d5	8.11	63	60971	110.22	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.22%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	120977	50.81	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.62%			
64) 1,2-Dichlorobenzene-d4	11.65	152	145081	49.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	105898	49.616	ug/L	100
3) Chloromethane	1.25	50	66536	49.275	ug/L	100
5) Vinyl chloride	1.32	62	78171	49.838	ug/L	98
6) Bromomethane	1.53	94	53966	50.581	ug/L	97
8) Chloroethane	1.59	64	51601	52.127	ug/L	97
9) Trichlorofluoromethane	1.76	101	186720	48.370	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	81099	47.286	ug/L	100
12) 1,1-Dichloroethene	2.13	96	76789	48.554	ug/L	94
13) Acetone	2.20	43	82759	73.258	ug/L	98
14) Carbon disulfide	2.31	76	186676	51.213	ug/L	99
15) Methyl Acetate	2.45	43	63492	50.959	ug/L	98
16) Methylene chloride	2.52	84	85197	51.234	ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	81589	50.545	ug/L	97
18) Methyl tert-butyl Ether	2.78	73	289743	52.138	ug/L	100
19) 1,1-Dichloroethane	3.21	63	138979	52.170	ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	89476	51.323	ug/L	98
22) 2-Butanone	3.99	43	94063	95.912	ug/L	95

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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
23) Bromochloromethane	4.27	128	54406	52.226 ug/L	97
25) Chloroform	4.40	83	172921	50.452 ug/L	98
27) 1,2-Dichloroethane	5.15	62	161007	52.035 ug/L	99
29) Cyclohexane	4.70	56	100994	48.597 ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	181165	49.618 ug/L	100
31) Carbon tetrachloride	4.85	117	155828	47.812 ug/L	99
33) Benzene	5.12	78	314688	51.011 ug/L	100
34) Trichloroethene	5.94	95	94656	50.790 ug/L	99
35) Methylcyclohexane	6.15	83	128791	48.526 ug/L	99
37) 1,2-Dichloropropane	6.20	63	70283	52.095 ug/L	99
38) Bromodichloromethane	6.53	83	125683	51.302 ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	123619	53.280 ug/L	94
40) 4-Methyl-2-pentanone	7.24	43	186581	106.009 ug/L	99
42) Toluene	7.41	91	366391	50.958 ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	135778	55.682 ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	86592	51.008 ug/L	98
46) Tetrachloroethene	8.00	164	88665	50.477 ug/L	99
48) 2-Hexanone	8.16	43	145839	98.972 ug/L	99
49) Dibromochloromethane	8.27	129	100957	53.432 ug/L	99
50) 1,2-Dibromoethane	8.37	107	96072	51.344 ug/L	98
51) Chlorobenzene	8.90	112	249047	49.789 ug/L	96
52) Ethylbenzene	9.03	91	424292	51.358 ug/L	98
53) m,p-Xylene	9.16	106	162410	50.574 ug/L	99
54) o-xylene	9.56	106	161849	51.319 ug/L	98
55) Styrene	9.58	104	276114	51.056 ug/L	98
56) Isopropylbenzene	9.95	105	445372	51.093 ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	117288	51.295 ug/L	96
59) 1,2,3-Trichloropropane	10.29	75	104762	50.428 ug/L	98
61) Bromoform	9.75	173	67986	54.805 ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	221588	50.211 ug/L	97
63) 1,4-Dichlorobenzene	11.29	146	224129	50.001 ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	230888	51.422 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	32357	55.058 ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	177301	49.431 ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	167439	53.299 ug/L	99
69) Naphthalene	13.52	128	440872	54.956 ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	166002	52.349 ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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